



# TrueForce LED Industrial and Retail (Highbay – MH)

## TrueForce LED HPI UN 140W E40 840 NB

Philips TrueForce LED Industrial and Retail (Highbay – MH) lamps give you a quick-and-easy payback solution to replace HID lamps in Highbay applications. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus the initial investment is low. The lamp design enables the direct retrofitting of HID lamps with TrueForce LED lamps without changing the fixtures or gear. The lamp is compatible with both 250 W and 400 W gears, maximising the feasibility of such retrofits. Ignitor smart logic eliminates ignitor failure and continued ignition which may generate overheating and EMI risks. Multiple beam angle options and high colour rendering indexes enhance the lighting distribution while creating a comfortable, safe and highly productive environment.

### Product data

General Information		Colour designation	
Cap base	E40 [ E40]	Colour designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Colour Temperature (Nom)	4000 K
Nominal lifetime (nom.)	50000 h	Luminous efficacy (rated) (nom.)	142.00 lm/W
Switching cycle	50,000X	Colour consistency	<6
Technical type	140-400W	Colour rendering index (nom.)	80
	Narrow Cone	LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Operating and Electrical	
Colour Code	840 [ CCT of 4,000 K]	Input frequency	50 Hz
Beam Angle (Nom)	60 °	Power (Rated) (Nom)	140 W
Luminous flux (nom.)	20000 lm	Lamp current (nom.)	700 mA
		Wattage equivalent	400 W

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Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	1 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V

## Temperature

T-Case maximum (nom.)	84 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb shape	Others
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## Approval and Application

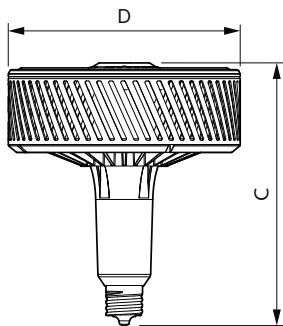
Energy Efficiency Class	F
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Energy consumption kWh/1,000 hours	140 kWh
	403626

## Product Data

Full product code	871869975371900
Order product name	TrueForce LED HPI UN 140W E40 840 NB
EAN/UPC – product	8718699753719
Order code	75371900
SAP numerator – quantity per pack	1
Numerator – packs per outer box	3
SAP material	929002350902
SAP net weight (piece)	1.250 kg

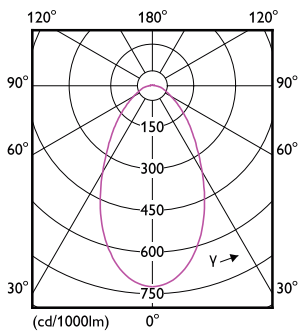
## Dimensional drawing



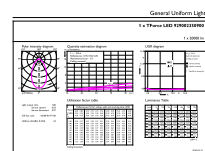
TForce HB UNI ND 190-143W E40 840 NB

Product	D	C
TrueForce LED HPI UN 140W E40 840 NB	250 mm	290 mm

## Photometric data



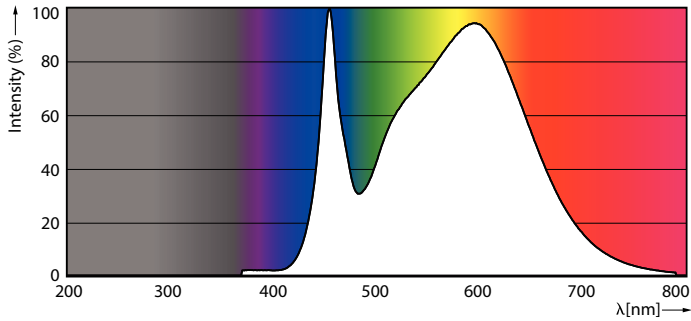
LEDTForce HPI 95W Others E40 60D



LEDTForce HPI 140W Others E40 840 60D

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## Photometric data



LEDTForce HPI 140W Others E40 840

## Lifetime



50K



50K

